

The invention claimed is:

1. A headlamp assembly including a lens and housing having a flexure member positioned therebetween, wherein the improvement comprises:

    said flexure member being shaped to dynamically change its energy absorption characteristics during impact.

2. The assembly as defined in claim 1 wherein said flexure member includes intersecting surfaces and wherein the intersection includes a preformed indentation to prevent the formation of a column at the intersecting surfaces which stiffens during an impact.

3. A headlamp assembly comprising a lens and housing having a flexure member extending therebetween and guide means mounted to said housing for controlling the direction of deflection of said flexure member during an impact.

4. The assembly as defined in claim 3 wherein said lens includes a guide and said housing includes a guide track engaging said guide for controlling the direction of movement of said lens during an impact.

5. A headlamp assembly including a lens and housing having a flexure member positioned therebetween, wherein the improvement comprises:

    said flexure member being may of two or more different materials that have different flex members and different tensile modulus.